

ProSphere™ Scheduler

Network Aware Reservation Management

Video Operations Made Easy

As interactive video conferencing applications evolve in sophistication and expand for use by enterprises, schools and institutions across wide area networks, the need to manage network resources in order to reap maximum benefit from interactive multimedia applications is critical. All too often the tools used to schedule video conferencing sessions are divorced from a service application and wide area network view to help network operators make network operations run more smoothly and reliably.

Operators need a simple and cost efficient means to reserve sessions for interactive video applications. Some scheduling tools however lack visibility to the status of network elements used in the transport of video and data for end user conferences thus limiting access to information on the health and performance of the network. External management tools running on independent platforms may need to be used to observe conditions of the network even though operators have setup a session.

ProSphere Scheduler

The ProSphere Scheduler from GDC allows network managers and end users to reserve video conferencing sessions simply and efficiently. Designed for scheduling of multiple sessions across and IP or ATM based network, the ProSphere video solution combines element management, alarm, and connection management as well as session control. Taken together, ProSphere is unique in the industry in offering an end to end wide area network video solution that includes session scheduling, monitoring, and bandwidth management in a single platform.

ProSphere Scheduler allows operators to organize sessions with intuitive graphical tools that allow point and click selection of calendar times for conferences. ProSphere Scheduler automatically resolves schedule conflicts assuring that operators can reserve sessions reliably. The system's unique advantages include:

- Easy to use conference scheduling tool
- Support for HaiVision, Tut Systems, Vbrick and Tandberg codecs
- Network aware scheduling
- Setup and teardown of reservation
- Bandwidth control
- Point and click operation for reservation
- Conflict resolution
- Automatic report generation

ProSphere Scheduler uses Java-based tools to bring a host of powerful features including platform independence and easy point and click operation. The ProSphere Scheduler will also support web-based clients.

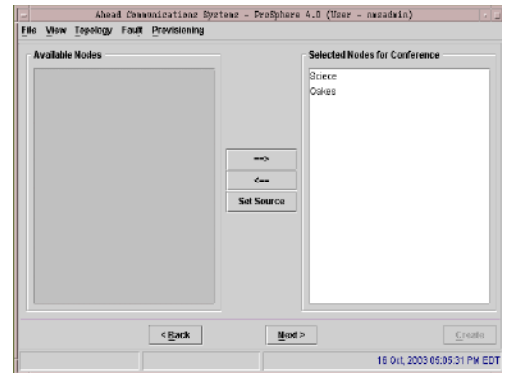
End-to-End Management

At the heart of ProSphere is the Topology Manager which provides a core management infrastructure designed for optimum portability, scalability, interoperability, and ease of use. ProSphere provides multiple levels of security access and a client/server architecture, allowing multiple remote clients. Based on object-oriented design, ProSphere Scheduler allows network managers to schedule sessions, change reservations on the fly, notify participants, and report on network conference details. Since ProSphere Scheduler closely dovetails with the umbrella suite of ProSphere applications for Xedge 6000, network operators have a cost effective set of tools to control the WAN video application as well as the network transport in one package. All of these applications can run simultaneously on the same platform integrated throughout a distributed client-server architecture.

ProSphere Video Manager uses Java programming language and classes. Java applications run on any platform supporting a Java Virtual Machine. ProSphere Video Manager also supports SNMP communications between the ProSphere Video manager and the codec.

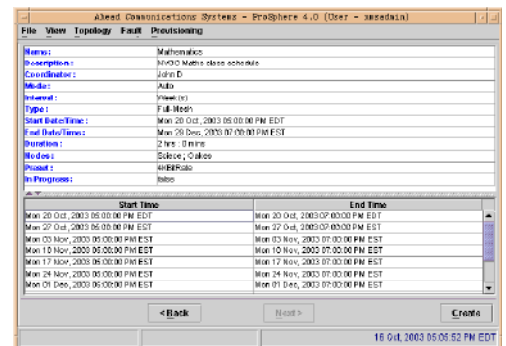
Topology Management

ProSphere automatically discovers the video codecs across the Wide Area Network and creates a topology eliminating extra operator intervention in creating network profiles. The topology manager allows operators to establish a video conferencing sessions by selecting from video nodes whose identities are graphically available to the end user without burdening the operator with equipment details that might otherwise inhibit session management.



Reports

The ProSphere Scheduler records traceable information related to the usage of video conferencing sessions by an organization. This utility allows users to collect and share critical information such as conference durations, participating entities, and the like.

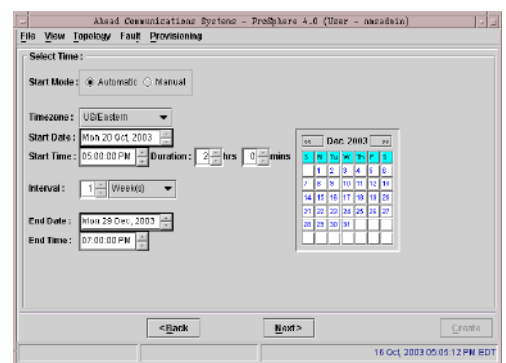


Reservation Management

ProSphere Scheduler controls the schedule of video codec's network sessions via easy to manage GUI screens and menus. Multiple sessions can be managed across the network. System administrators can easily setup conference schedules, operators can intervene to assure that schedule conflicts are reconciled quickly and efficiently.

ProSphere—Onestop multiservice platform

The ProSphere Scheduler together with the GDC Xedge 6000 allows operators to have a fully integrated video-data-voice network management system on a single platform. The ProSphere Scheduler enables video operators and end users to schedule video sessions as well as other application events for monitoring applications.



All specifications subject to change without notice. © 2009 General DataComm, Inc.
All rights reserved. ®General DataComm and the GDC logo are registered trademarks of General DataComm, Inc.